TABLE 8

VELOCITY OF CONVECTION CURRENTS RESULTING FROM VARIOUS AVERAGE TEMPERATURE DIFFERENTIALS ACTING FOR DIFFERENT HEIGHTS

Temperatur Difference. Degrees F	Velocity in Feet per Second			
	Height. 3 Inches	Height. 1 Foot	Height. 10 Feet	Height. 40 Feet
1	0.1811	0.3622	1.145	2.291
2	0.2561	0.5123	1.620	3.240
3	0.3137	0.6275	1.984	3.968
5	0.405	0.810	2.561	5.123
10	0.5727	1.1455	3.622	7.245
20	0.810	1.620	5.123	10.245
30	0.992	1.984	6.275	12.55
40	1.1455	2.291	7.245	14.49
50	1,2808	2.561	8.10	16.20
60	1.403		8.873	17.745
70	1.515	3.031	9.582	19.165
80	1.620	3.240	10.245	20.49
90	1.718	3.436	10.867	21.735
100	1.811	3.622	11.455	22.91
150	2.218	4.436	14.03	28.06
200	2.561	5.123	16.20	32.40
300	3.137	6.275	19.84	39.68
400	3.622	7.245	22.91	45.82
500	4.05	8.10	25.61	51.23
600	4.436	8.873	28.06	56.12
700	4.791	9.582	30.305	60.61
800	5.123	10.245	32.40	64.80
900	5.434	10.867	34.365	68.73
1000	5.727	11.455	36.225	72.45
1200	6.275	12.55	39.68	79.36
1400	6.776	13.552	42.86	85.72
1600	7.245	14.49	45.82	91.64
1800	7.684	15.368	48.60	97.20